

## Abstract

In a suspension system that connects a wheel support to a vehicle body, the wheel support is designed to carry a wheel of radius " $r$ ", the wheel is intended to rest on the ground via a contact area, the system includes an arrangement that confers upon the wheel support, relative to the body, a degree of freedom of the camber and a degree of freedom of the deflection of the suspension that are independent of one another. The system is configured such that the camber movement of the wheel support relative to the body has, around a mean position, an instantaneous center of rotation (CIR  $r/c$ ) located within a range from 2.5 $r$  above ground to  $r$  below ground.